

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607-2 Rev. C, D350-607-3 REV. A
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-607 REV. 4

REF TCCA STC: SH94-14
REF FAA STC: SR00213NY
REF EASA STC: 10016996
REF ANAC STC'S: 2007S03-03/-04/-05/-06

1.0 PURPOSE

This Dart Service Instruction (DSI) provides parts and instructions for modifying a D350-607-441/-443/-445/-447/-541/-543/-545/-547 Heli-Utility-Basket at CHG 003 and earlier to close an opening at the top inboard side of the basket base assembly.

The DSI 9618-011 Kit can be procured from Dart and consists of parts required to modify the basket base assembly of D350-607-441/-443/-541/-543 Heli-Utility-Baskets.

The DSI 9618-013 Kit can be procured from Dart and consists of parts required to modify the basket base assembly of D350-607-445/-447/-545/-547 Heli-Utility-Baskets.

There are 2 different options to this modification. At the discretion of the installer, the D4672-X Blanking Plates can be riveted or welded to the basket base. Refer to Section 2.0 of this service instruction if the blanking plates are to be riveted to the base assembly. Refer to Section 3.0 if the blanking plates are to be welded to the base assembly.
Note: This modification has been incorporated at a manufacturing level on D350-607-541/-543/-545/-547 Heli-Utility-Baskets at CHG 004 and later.

2.0 MODIFICATION PROCEDURE (RIVET)

- 2.1 Remove basket from aircraft per Section 25.12 of ICA-D350-607.
- 2.2 Remove basket lid per Section 25.16 of ICA-D350-607.
- 2.3 Locate D4672-X Blanking Plates on basket base as shown in View A-A on sheet 3 of this service instruction.
- 2.4 Drill $\varnothing 0.128$ " through D4672-X Blanking Plates and top of basket tubular structure as indicated in View A-A on Sheet 3 of this service instruction. Deburr tubular structure and blanking plates.
- 2.5 At the discretion of the installer, the D4672-X Blanking Plates can be painted to match the basket finish in accordance with Section 5.2.11 of ICA-D350-607.
- 2.6 Install the D4672-X Blanking Plates using provided rivets. At the discretion of the installer, the rivets and blanking plates can be installed wet using Sikaflex-241/-291 or Proseal 890 or MIL-S-8802 Class 'B2' sealant.
- 2.7 Re-install lid on basket base per Section 25.16 of ICA-D350-607.
- 2.8 Re-install basket on aircraft per Section 25.15 of ICA-D350-607.

3.0 MODIFICATION PROCEDURE (WELDING)






- 3.1 Remove basket from aircraft per Section 25.12 of ICA-D350-607.
- 3.2 Remove basket lid per Section 25.16 of ICA-D350-607.
- 3.3 Prepare surface of basket base where the blanking plates will be installed by removing the finish locally.
- 3.4 Locate D4672-X Blanking Plates on basket base as shown in View A-A on Sheet 4 of this service instruction and weld the blanking plates to the basket tubular structure per MIL-STD-2219/AMS-STD-2219 Class 'C' using ER308L or ER316L filler rod.
- 3.5 Paint re-worked area per Section 5.2.11 of ICA-D350-607.
- 3.6 Re-install lid on basket base per Section 25.16 of ICA-D350-607.
- 3.7 Re-install basket on aircraft per Section 25.15 of ICA-D350-607.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 12.06.18
CERT. NO.: SH94-14
ISSUE NO.: 5

A	NEW ISSUE	MB	12.06.14
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED	A.P.	DRAWING NO.	REV. A
MFG. APPR.		DSI 9618	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BASKET MODIFICATION	NTS
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4.0 WEIGHT CHANGE

There is a negligible weight change associated with this modification.

5.0 PARTS LIST

QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		DSI 9618-011	BLANKING PLATE KIT (LONG BASKET)
	X	DSI 9618-013	BLANKING PLATE KIT (SHORT BASKET)
2		D4672-1	BLANKING PLATE
	2	D4672-3	BLANKING PLATE
14	14	CR3523-4-02	RIVET

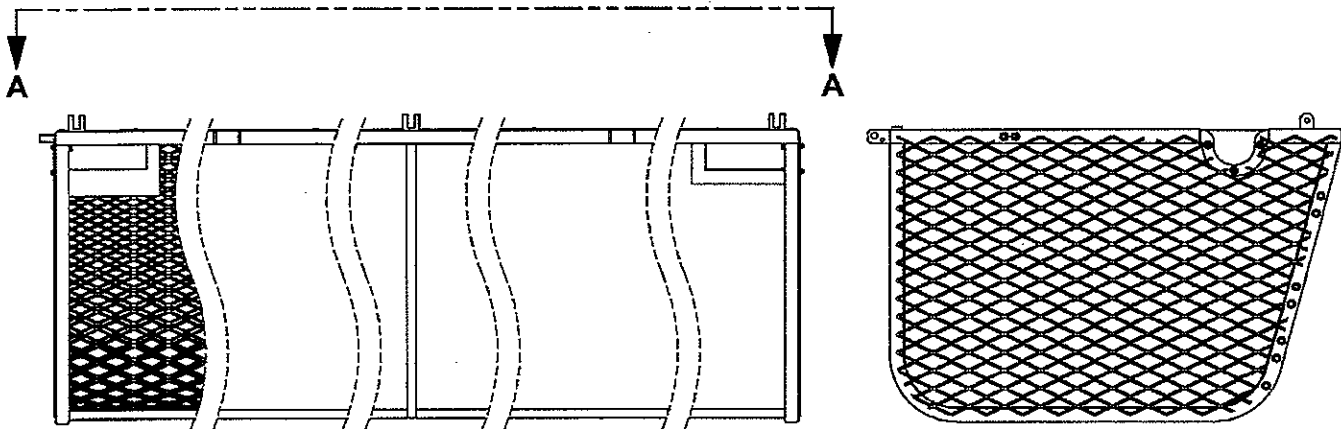


FIGURE 1: BASKET BASE OVERVIEW
(MESH SHOWN PARTIALLY FOR CLARITY)

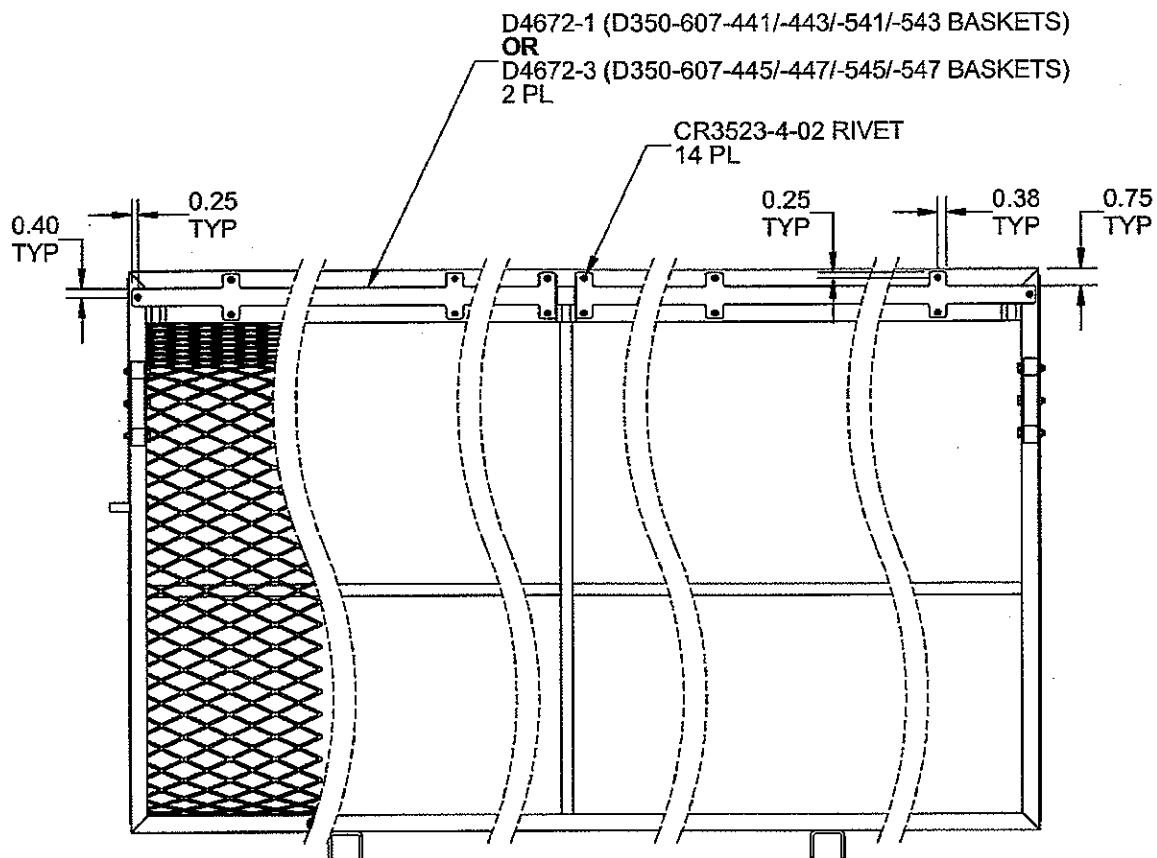
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VIEW A-A: RIVET OPTION







(REF. FIGURE 1 AND SECTION 2.0 OF THIS SERVICE INSTRUCTION)
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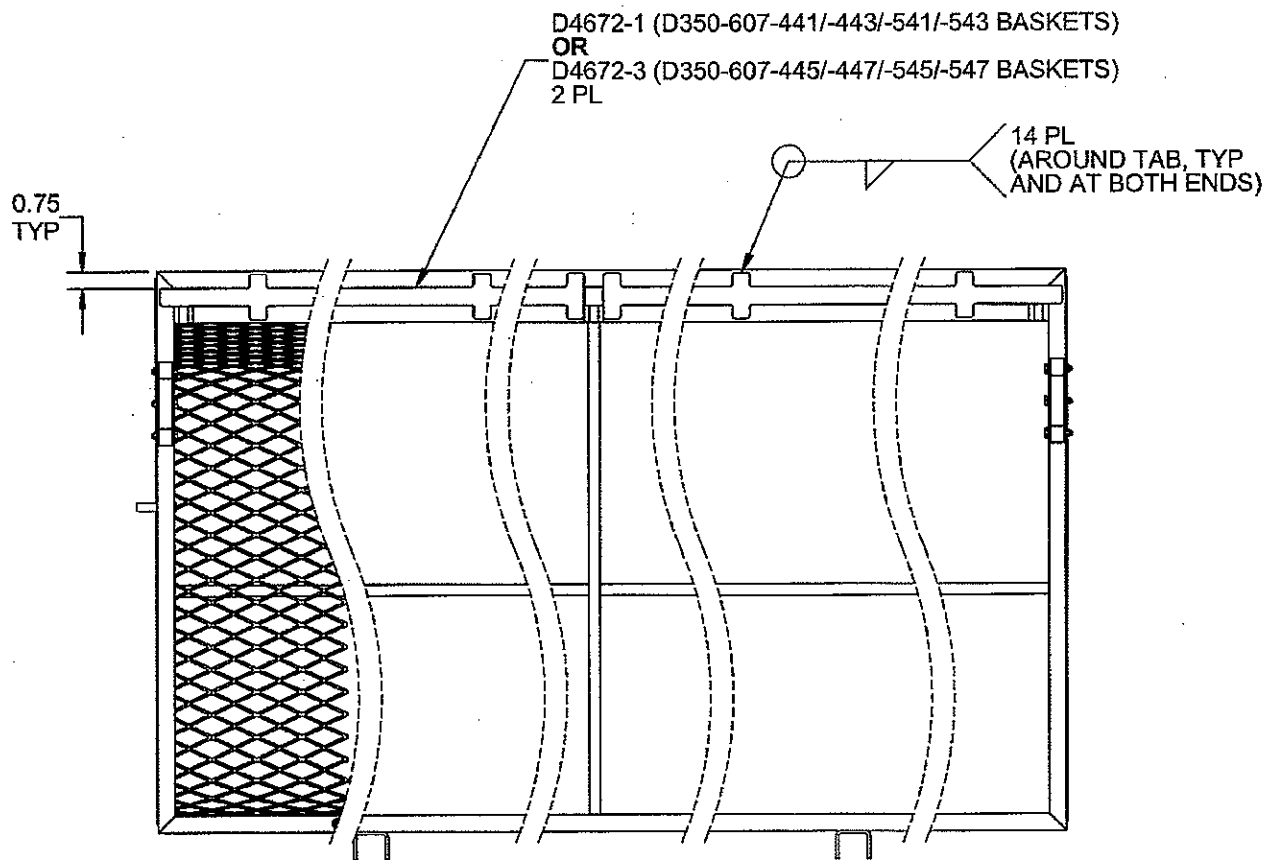
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VIEW A-A: WELDING OPTION
(REF. FIGURE 1 AND SECTION 3.0 OF THIS SERVICE INSTRUCTION)
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